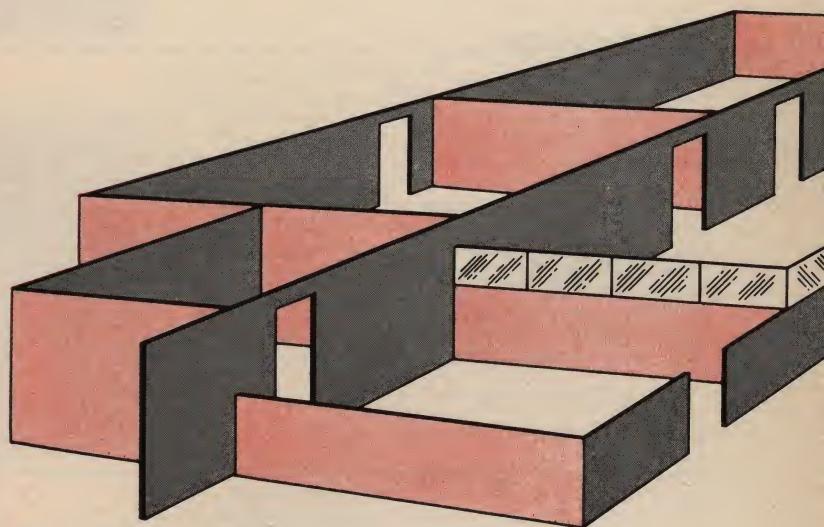




**movable STEEL PARTITIONS**





## modern movable Steel partitions for all purposes

### service

Steel Partitions' long experience in fabricating and installing movable steel partitions has developed an organization of sales and field representatives, engineers, production men, erectors and management personnel well grounded in the basic requirements and fundamentals essential to handle any metal partition installation whether it be large or small.

### responsibility

Steel Partitions welcomes the responsibility of handling the complete job—from the initial planning layouts, complete fabrication through final installation, ready for occupancy. Our specially trained erection crews travel the entire country installing original work as well as rearranging old layouts and can always be relied upon to give 100% cooperation to other related trades and sub-contractors.

### highest quality

Nothing but the highest quality materials are incorporated in the manufacture of our products. Our employees are skilled craftsmen of long experience in the hollow metal industry. The hollow metal industry came into existence over a half century ago in the Jamestown, New York area. Our thousands of installations throughout the country will serve as a warranty of highest quality (Partial list on Page 19.)

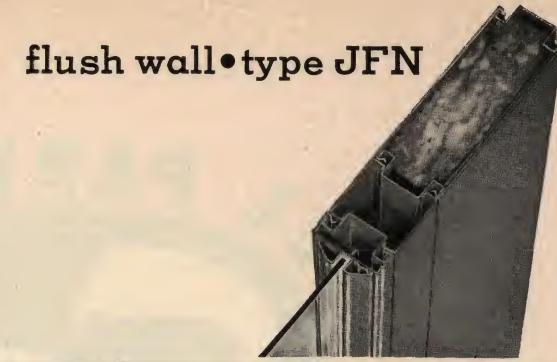
### workmanship

Steel Partition panel units are quality built and into each unit goes the skilled craftsmanship, keen engineering and practical experience that results from many years of sectional steel partition fabrication. As one of America's foremost producers of movable metal partitions, Steel Partitions is well qualified to handle any movable steel partition installation you may have under consideration. Highly skilled and experienced metal craftsmen, working in a modernly equipped plant, with quality materials and under rigid controls is your assurance of advanced construction details, lasting structural stamina, rigidity and enduring finish. Steel Partition panel units have that built-in custom like quality that only a product made by an organization that takes pride in doing a good job can produce.

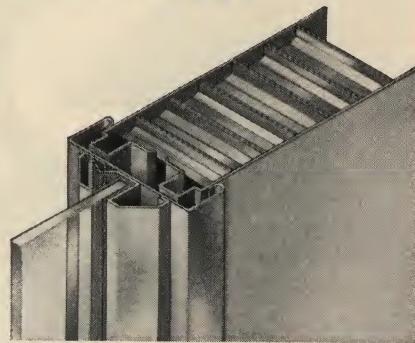
### engineering

Steel Partitions, Inc., maintains a competent and experienced engineering staff familiar with every phase of hollow metal design and construction. This highly trained and experienced staff is always ready to assist you in planning partition installations. This service is available without obligation. In addition field representatives, conveniently located throughout the United States, are ready to provide on-the-spot service for any partition requirement you may have on the boards or projected. Our service is not limited to standard items. We welcome your special requirements that may be incorporated in a typical installation.

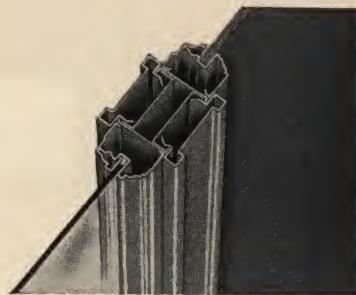
### flush wall • type JFN



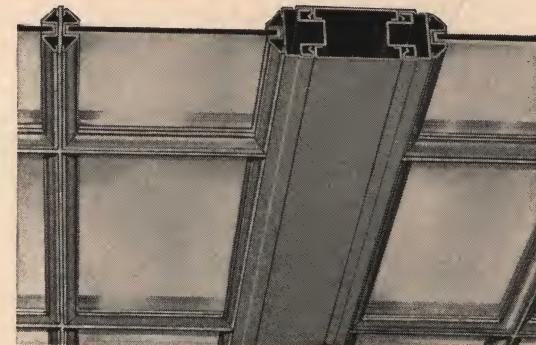
### flush wall • type JL



### paneled wall • type E



### smoke screen • type SC



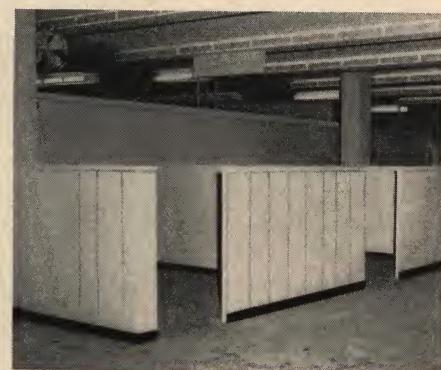
### fire rated • type JFF





**type JFN** flush wall sound retarding partitions and wainscot

- 1 Modern Design Harmonizing With Finest Architectural Treatments.
- 2 Full Flush Panel Construction. Easy To Clean.
- 3 Efficient and Exclusive Sound Retarding Insulation.
- 4 Patented Stretcher Channel Construction Assures Lasting Rigidity.
- 5 Fully Interchangeable Units. Easily Assembled or Re-arranged.
- 6 Completely Rustproofed.
- 7 Provision for Wiring in Base, Cornice and Vertical Post Assembly.



**type JL**

flush economy partition

- 1 Readily adaptable to office areas as well as factory installations.
- 2 Economy without sacrificing the features of more expensive movable partitions.
- 3 The ultimate in simplicity—only four basic parts required.
- 4 Special height partition at standard partition prices. Eliminates costly top fillers.
- 5 All steel partition easily converted to glass and steel. Fully flexible to changes in the field.
- 6 Easily and quickly installed by untrained workers.
- 7 Mass produced on modern equipment results in fast deliveries.
- 8 Readily accessible lay-in wiring in base and cornice —space also available vertically between panels.
- 9 Easily stored or warehoused.



**type E**

mono-unit paneled partitions

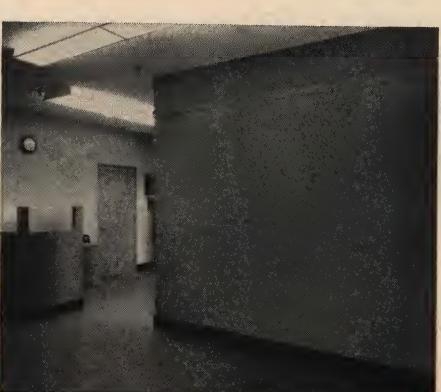
- 1 Attractive Paneled Design.
- 2 Mono-Unit Panel Construction. 100% Salvageable When Rearranged.
- 3 Quick, Easy and Economical to Assemble.
- 4 Extremely Rigid Full Welded Construction.
- 5 Provision for Wiring in Cornice, Chair Rail, Base and Vertical Members.
- 6 Wide Selection of Standard Stock Units.



**type SC**

corridor and stair well smoke screens

- 1 Available in Type "JFN" Construction.
- 2 Custom Built To Meet Building Conditions.
- 3 Localizes Smoke Hazards.
- 4 Facilitates Orderly Evacuation.
- 5 Saves Lives.
- 6 Can Be Dismantled and Relocated.



**type JFF**

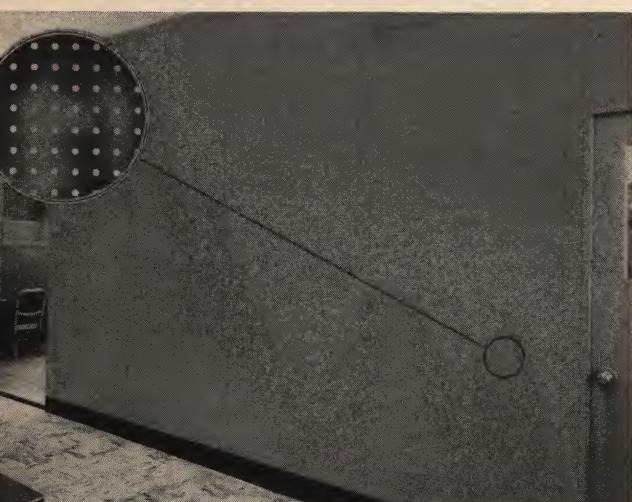
fire rated movable metal partitions

- 1 Meets ASTM ONE-HOUR Fire Test Specifications E 119-55.
- 2 Can Be Used in Adjoining with Type "JFN"—Matching Exterior Appearance.
- 3 Added Protection for Personnel and Valuable Equipment.
- 4 Provides Flexibility for Future Needs and Without Dust and Debris.
- 5 Saves Space.
- 6 Answers Need For One-Hour Fire Partition in Corridors, Public Buildings, Equipment Rooms and Laboratories.

# type JFN—a modern flush partition



Onondaga County Office Building, Syracuse, New York. Flush 7'-2 $\frac{3}{4}$ " all steel and glass and steel partition 42 $\frac{1}{2}$ " chair rail with double mineral board top filler. Low rail 42 $\frac{1}{2}$ " high.



Flush all steel to 9'-0" ceiling perforated acoustic wall.



Flush low railing 42 $\frac{1}{2}$ " high and bank railing 54" plus 12" glass. Flush glass and steel partitions. Pennsylvania Gas Co., Jamestown, N. Y.

Type "JFN" full flush panel units introduce an advanced conception of movable steel partition and wainscot especially adapted for executive offices. It is definitely functional in design, presenting, when assembled, a modern, flush wall, unbroken by unnecessary lines and free from deep ridges or grooves to collect dust. TYPE "JFN" partition is pleasing to the eye, reflecting the quiet, restful efficiency so desirable in modern office interiors. The standard types and sizes of "JFN" panels are shown on Page 6. (Partitions are regularly designated as all-steel, steel-glass, steel-glass-glass, and steel-glass-steel, depending on the combination of units).

TYPE "JFN" matching wainscot for inside exterior and masonry walls harmonize with the movable steel partition to give a pleasing, modern complete interior. (See Page 7 for typical details).

TYPE "JFN" partition is modern in construction, offering many advanced and exclusive structural features that enhance its practical usefulness, enduring rigidity, flexibility and ease of erection and rearrangement. Some of these advantages are listed below and additional construction details will be found on Pages 6 through 8.

## 1 EFFECTIVE SOUND INSULATED

An exclusive "JFN" innovation provides a sound retarding factor in a standard 3-inch panel, greater than that accomplished by a 5 $\frac{1}{2}$ -inch commercial tile and plaster wall.

## 2 EXCLUSIVE STRETCHER CHANNEL CONSTRUCTION

A patented horizontal Stretcher Channel reinforcement member assures rigid, taut and ripple-free exterior surfaces regardless of how many times the partition is moved or re-arranged.

## 3 COMPLETELY RUSTPROOFED

"JFN" panels, cornices, bases, posts and reinforcement members are completely rustproofed inside and out by painting or plating.

## 4 FULL FLOATING BASE

Floating base construction assures flush floor contact where uneven floor conditions exist.

## 5 CONTINUOUS WIRE RACEWAY

A continuous divided wire raceway in cornice and base provide easy accessibility for both low and high voltage wires. Post construction allows for lay-in wiring in base.

## 6 FLEXIBILITY

2, 3 or 4-way post conditions can easily be formed from the basic one-way post assembly. Angular posts are adapted to meet installation conditions.

## 7 SIMPLICITY

"JFN" Partition is easily installed or relocated. There are few small parts to become lost or misplaced.

8 All doors are reinforced and mortised for both surface applied and concealed closers. Door Frame is adjustable type to allow for various clearances between bottom of door and floor..

## perforated acoustic walls

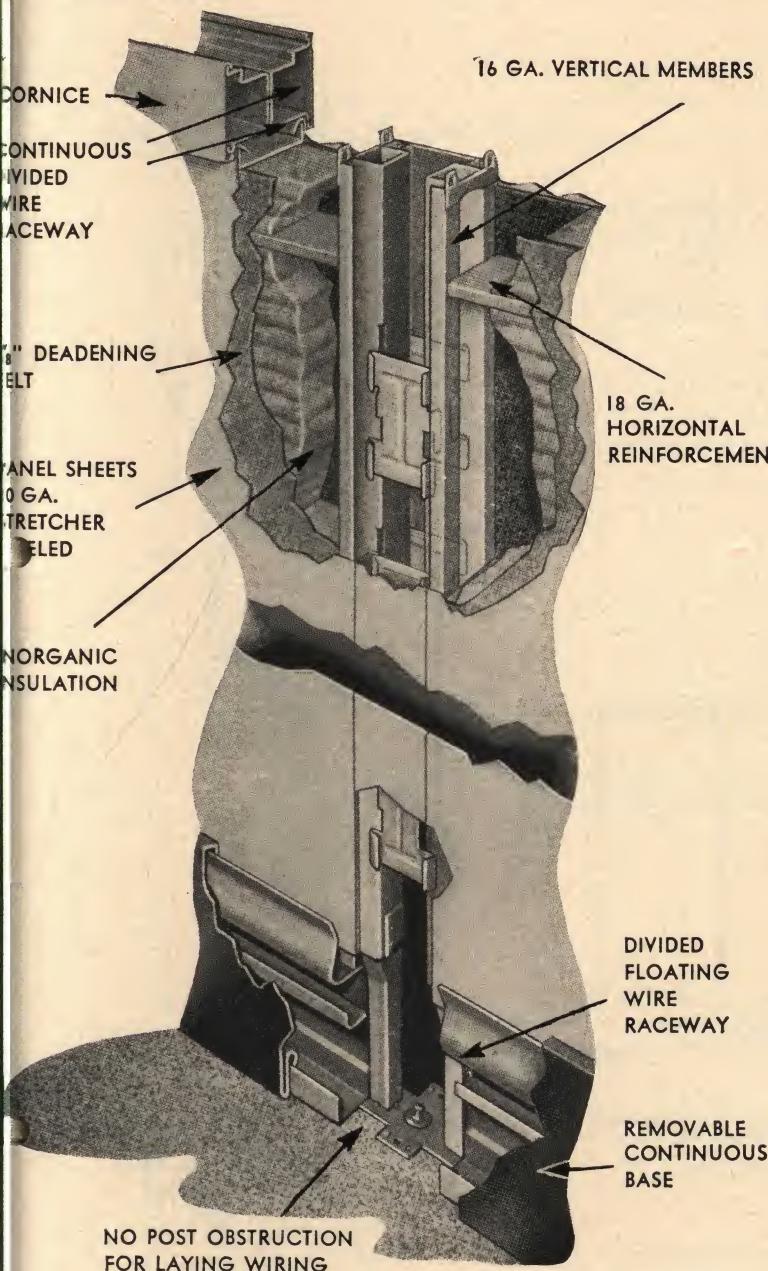
"JFN" Partitions are also available in acoustic units for all standard heights. The internal core is specially constructed to retard transmission of sound. Either or both sides of the panels may be perforated.

## low railings and bank partitions

"JFN" units form attractive low railings and bank partitions.

Standard "JFN" units, selected from stock can be used effectively to control public and personal traffic in banks, finance offices, interview offices, public buildings and general offices. Their modern, full flush panel design harmonizes with any architectural style. TYPE "JFN" low railings (without glass) and bank partition (with glass) are 3 inches thick and have no protruding feet to mar the floor line, except where long runs occur and at gates. Stock units include gates, wickets and glass panels to meet all but the most unusual conditions. The fittings, trim and glass, are furnished to specifications. The same high quality workmanship and general structural features, that distinguish the full height "JFN" units are incorporated in their construction. Construction details will be found on Page 8.

## features



### single glazing

Exclusive "JFN" construction provides for easy removal of glass for replacement—No screws involved.

### double glazing

When soundproofness is desired for glazed panels a maximum coefficient can be obtained by double glazing. "JFN" partition is also adapted to receive hermetically sealed double pane glass.

### glass and mesh

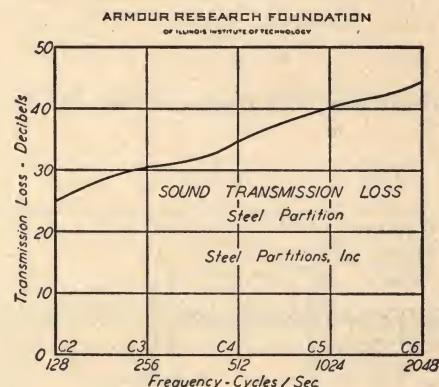
Syenite (obscure) glass  $\frac{1}{8}$ " thick and DSA (clear) glass are standard for full height metal partition. 39 ounce crystal sheet or  $\frac{7}{32}$ " syenite glass is standard for bank type partitions. Other standard glass types are available when specified. Metal partition putty is tinted to match finish. Vinyl plastic glazing mould (neutral color) also available when specified. In lieu of glass, common types of wire mesh and expanded metal may be substituted to meet special requirements.



**steel partitions**

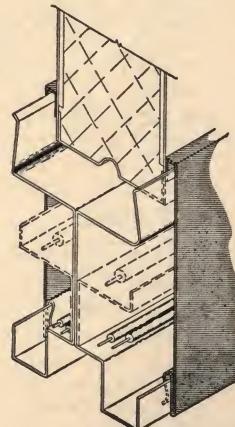
### soundproofing and dustproofing

Type "JFN" panels incorporate an exclusive sound insulating construction feature. In addition to the inorganic insulating material a  $\frac{1}{8}$ " sheet of deadening felt is applied with mastic to the inner side of the metal skin. This sheet prevents practically all metal to metal contact between interior and exterior members. Tests by Armour Research Foundation on a standard "JFN" panel and wall filler section resulted in the sound insulating factor shown on the chart. Where more rigid conditions demand, the partition can be insulated as follows: Space within base, cornice, posts, wall filler, top filler (if any) shall be solidly packed with



mineral wool during erection. Base shall be set in mastic seal making full contact at floor. Doors shall have threshold and wiper. Any glazed partition shall be double glazed or have hermetically sealed double panes thoroughly sealed on all sides.

DUST PROOFING can be accomplished by following the above steps plus caulking the wall filler and ceiling channels. LIGHT PROOFING as near as it can be attained follows the same procedure.



### galvanized wire raceway

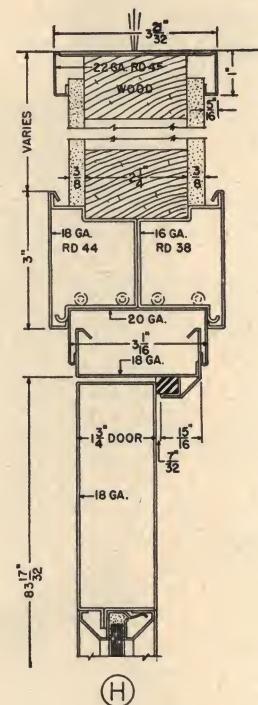
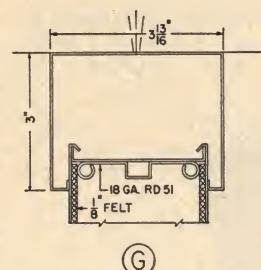
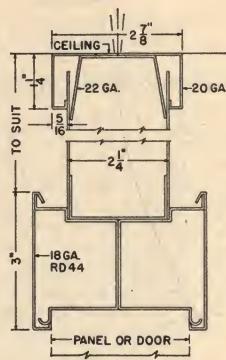
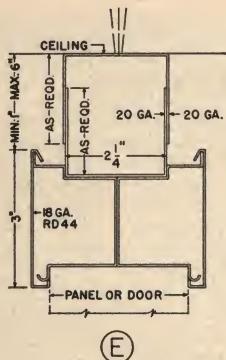
Floating full length galvanized raceway prevents corrosion from water seepage resulting from floor cleaning. Individual compartments, separate wiring for each room side of partition. Each side is also sub-divided to accommodate high and low tension circuits.

### electrical service data

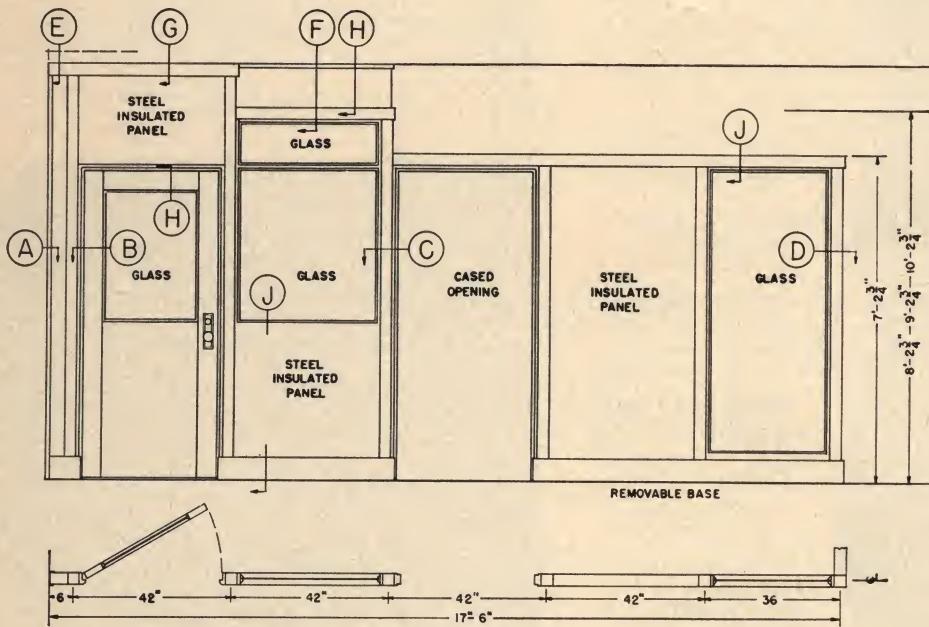
Provisions for electric services are normally made in the base and post assembly. Switches and duplex receptacles are located at convenient heights in the post. The latter also at desired intervals in the base. Switches, receptacles, and plastic or metal plates are available. Steel Partitions' standard cutout is  $1\frac{7}{8}'' \times 2\frac{1}{8}''$ .

# type JFN

details of partitions 3" = 1'-0"



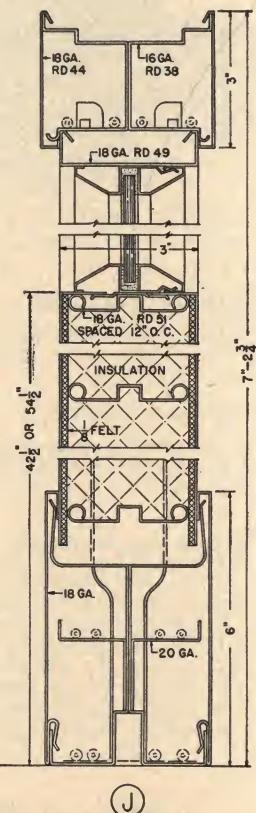
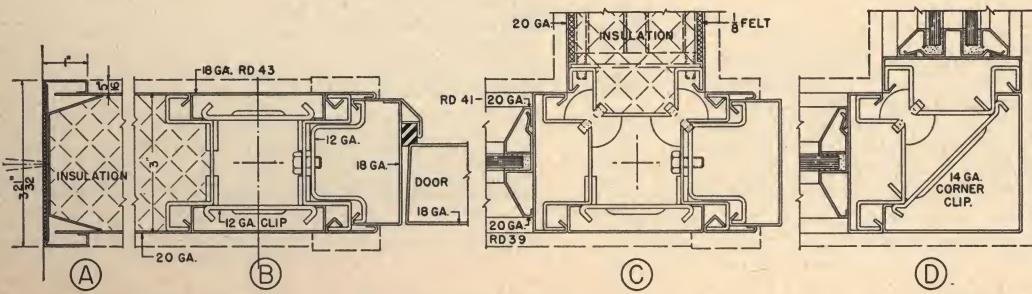
typical elevation and plan Scale: 1/4" = 1'-0"



## standard unit sizes

Units shown below are standard sizes and available from stock. They have been designed to meet all but very unusual partition or railing conditions. While special sizes are available if required they are not recommended. Special sizes are not conducive to good delivery or economical alterations.

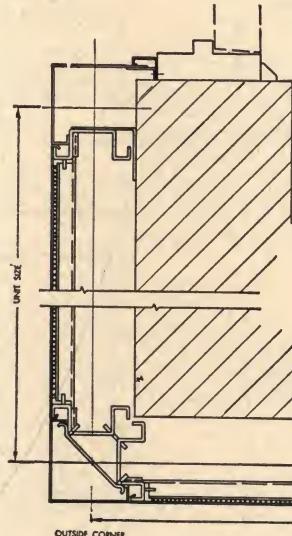
CORNICE HEIGHT 7'-2 3/4" 8'-2 3/4" 9'-2 3/4" 10'-2 3/4"			
PANEL UNIT WIDTHS		DOOR UNIT WIDTHS	
ALL STEEL	6" 12" 18" 24" 30" 36" 42"	SINGLE DOOR • 36" & 42" PAIR • 66"	
GLASS & STEEL	12" 18" 24" 30" 36" 42" 48"	SINGLE DOOR • 36" & 42" PAIR • 66"	
WALL FILLERS			MINIMUM 5" TO MAXIMUM 20"





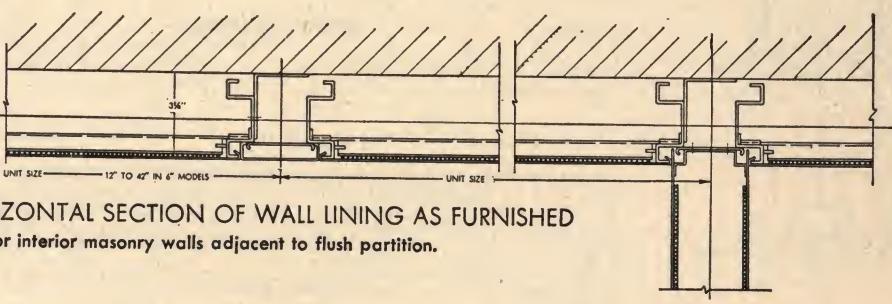
steel partitions

## details of Wainscot (no scale)

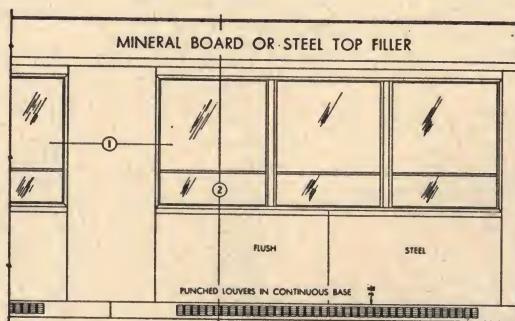
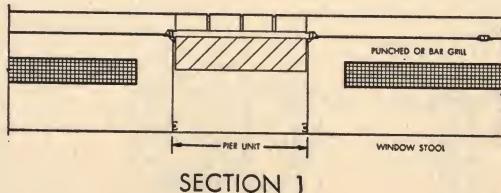
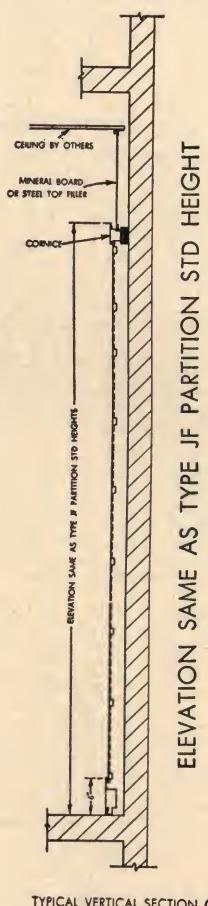


### JFN wainscot or paneling

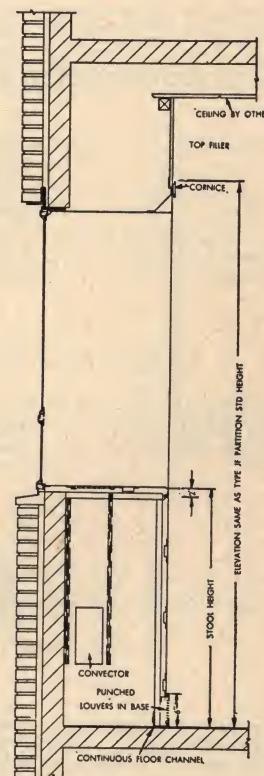
Type "JFN" flush wainscot furnished in conjunction with "JFN" flush partition. Available for inside exterior and masonry walls in unit sizes same as partition modules. Non-stock units can be furnished to meet specific job requirements. Specifications for partitions apply generally. Complete accessibility provided for all utility services.



TYPICAL HORIZONTAL SECTION OF WALL LINING AS FURNISHED  
For interior masonry walls adjacent to flush partition.



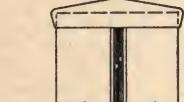
TYPICAL ELEVATION OF COLUMN COVER  
& CONVECTOR ENCLOSURE



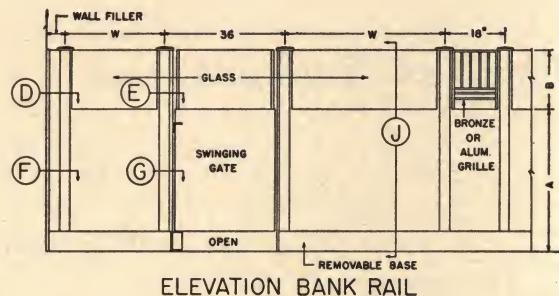
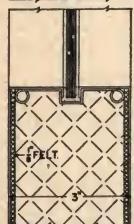
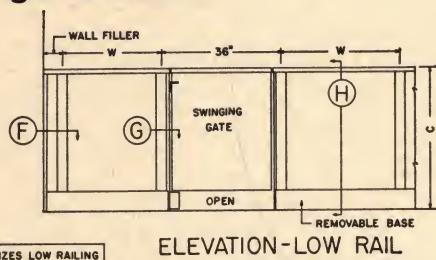
SECTION 2

# type JFN

## details of railings (no scale)

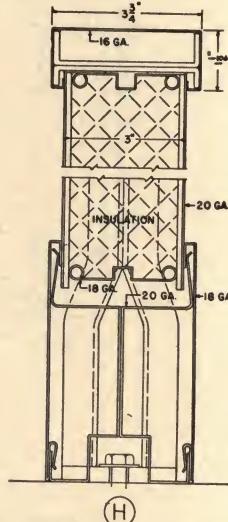
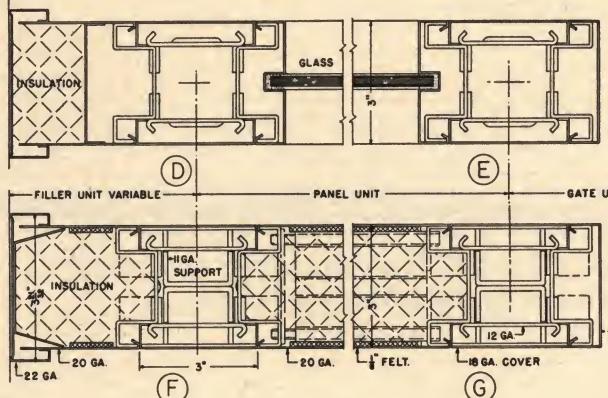
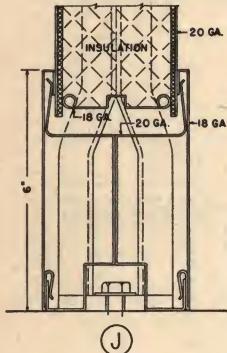


STOCK SIZES LOW RAILING  
DIMENSION C = 36" OR 42"  
STOCK SIZES BANK RAIL  
DIMENSION A = 42" OR 54"  
DIMENSION B = 12" 18" OR 24"  
STOCK UNIT WIDTHS FOR  
LOW RAIL & BANK RAIL  
DIMENSION W = 18" 24"  
30" 36" 42" & 48"  
GATE UNIT WIDTH = 36"  
GRILLE UNIT WIDTH = 18"  
WALL FILLER 5' TO 20'

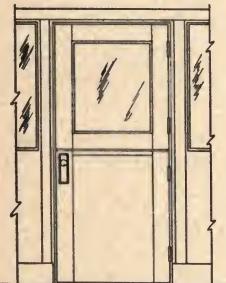


### ALTERNATE

Bank Railings also available with continuous hand-rail, 18" and 24" glazing posts  $1\frac{1}{8}$ " square are topped with bronze or aluminum cap.

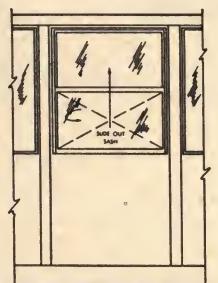


## partition specialties (no scale)



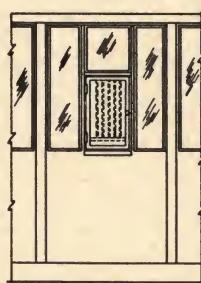
DUTCH DOOR

Folding doors and sliding doors are available.



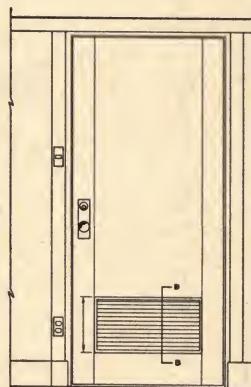
SLIDE UP SASH IN PANEL

Horizontal slide glass or steel wickets are available.

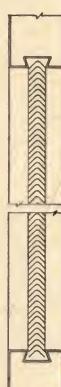


GLASS HINGED WICKET

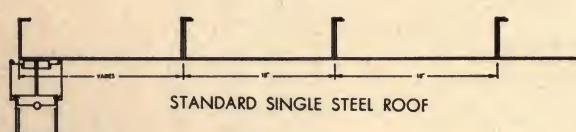
Also available are hinged grill and combination of grill and glass wicket.



ELEVATION OF LOUVER IN DOOR



SECTION "B-B"  
THRU LOUVER  
IN DOOR

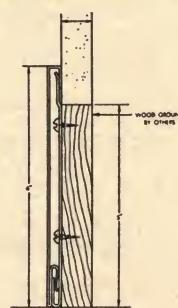


STANDARD SINGLE STEEL ROOF

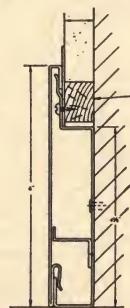


DOUBLE STEEL INSULATED ROOF

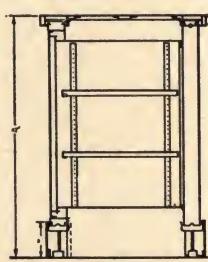
Acoustic perforated steel roof also available.



DUMMY BASE AT MASONRY WALLS



WIRE RACEWAY BASE AT MASONRY WALLS



Counters and shelves furnished as an integral part of steel partitions and railings.



**steel partitions**

# specifications

## I GENERAL

- (1) Furnish and erect flush steel partitions as indicated on architect's plans and specifications. Partition to be, or equivalent to, Type "JFN" as manufactured by Steel Partitions, Inc., Jamestown, New York.
- (2) Partitions shall be insulated, movable office partitions not less than 3" thick of hollow metal and interchangeable unit construction with adjustment at the base to take care of irregularities in the floor and with double steel insulated fillers at end conditions. Door units shall be interchangeable with panel units of the same size. Where indicated on drawings, the spaces between partition cornice and the ceiling shall have double sheet fillers of mineral board or cold rolled steel.
- (3) Partition shall be erected on the finished floor.

## II SHOP DRAWINGS

Drawings showing details of construction, gauges of metal, hardware and all special conditions, shall be submitted to the architect for approval before fabrication of material.

## III MATERIALS

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled, furniture stock steel that has been properly annealed, process leveled and has smooth, clean surfaces. Gauges specified are United States standard. All internal and structural members shall be either painted with a rust resistance primer or plated.

## IV CONSTRUCTION

(A) **Panels:** The panel units shall be 3" thick and constructed of two 16 gauge roll formed vertical members, and 18 gauge rigid horizontal expansion members of galvanite coated steel. The horizontal members shall be spaced at approximately 12" centers the entire height of the panel. This structural assembly shall be covered on each face with 20 gauge, patent leveled, cold rolled steel sheets and stretch to a flat, smooth, wrinkle free surface. The inner surface of the panel sheets shall be covered with a continuous sheet of  $\frac{1}{2}$ " deadening felt, securely cemented to the metal, to eliminate metallic sounds. The entire panel unit assembly shall be filled with an approved inorganic wool insulating material. For glass openings, provide the upper panels with mouldings for either single or double glazing. Mouldings shall be loose on one side, snapped in place without use of glazing screws.

(B) **Posts and Post Covers:** The post section shall be made up of the two 16 gauge galvanite coated steel panel side members and two 18 gauge post covers. The assembly completed by the use of 12 gauge clips galvanite coated steel, spaced at approximately 18" intervals. A shim and guide leveling device shall be provided at each post to compensate for irregularity in the floor.

(C) **Cornices:** The inner cornice shall be roll formed from 16 gauge cold rolled galvanite coated steel and so shaped as to form a rigid, horizontal, continuous, structural member along the top of the panel units. The shape of the cornice member shall be such as to provide two independent raceways accessible the entire length for installation of electric wiring from either side of partition. The inner cornice shall be punched at 6" intervals to permit wiring or concealed reinforcing at any post. Cornice trim moulding shall be 18 gauge rolled steel shape 3" high with plain surface of standard lengths and attached to inner cornice.

(D) **Base:** The base shall be 18 gauge, cold rolled steel of a removable type 6" high with  $\frac{1}{2}$ " projection furnished in standard 10 foot lengths. The base shall be so constructed that when removed access will be provided the entire length of the double electric wiring raceway for high and low tension wire on both sides. Inner wiring raceway shall be galvanized steel full floating for adjustment to floor variations.

(E) **Doors and Frames:** Doors shall be  $1\frac{3}{4}$ " thick and of a size to provide  $\frac{1}{2}$ " clearance at side and head jamb. Doors to be reinforced and welded in accordance with approved standard construction. Cutouts and reinforcements shall be provided for hinges and lock. All doors shall be reinforced for both concealed and surface applied closers for present or future use. Door frames shall be from 18 gauge cold rolled steel and shall be so shaped as to incorporate in its construction a rubber stop member at head and jamb for quieter operation. Frames shall be full floating type to compensate for floor variations. Doors shall be glazed when called for in a manner similar to the panel units.

(F) **Wall Filler Sections:** Wall filler sections shall be of sufficient width to meet normal building conditions and shall be an assembly of 20 gauge patent leveled sheets and channels. The assembly shall be so constructed to permit scrib-

ing and neat fitting to the wall conditions during erection. The completed assembly shall be insulated in the same manner as a panel unit.

(G) **Top Filler (when required):** Double mineral board filler  $\frac{3}{8}$ " thick shall be applied to  $1\frac{5}{8}$ " x  $2\frac{1}{4}$ " wood framing extending from cornice to ceiling neatly scribed to walls, beams, pipes, etc. Joints shall be reinforced, pointed, finish smooth and painted by Painting Contractor. Double steel filler of 20 gauge shall be applied to steel studs and extended from cornice to ceiling. Single line joints shall be located to center at post conditions of lower panel units and shall be removable. Finish to be applied at factory to match partitions. Top fillers may be packed with inorganic insulating wool if required and specified.

## V HARDWARE

(A) **Provisions:** Suitable cutouts shall be provided in doors and frames for all mortise hardware. Steel reinforcements drilled and tapped and secured by spot welding shall be inserted for attaching all hardware and shall be of ample size to stiffen the sheet metal against the strain of the service required.

(B) **Hardware:** Hardware shall be manufacturer's standard of design and construction normally furnished with movable metal partitions. Doors shall have one pair 5" x 4" ball bearing button tip hinges. (Refer to catalog for additional hardware information.)

## VI FINISH

(A) **Prime:** All parts shall be thoroughly degreased and free from dirt and rust and shall receive a primer-surfacer rust resisting coat of synthetic material formulated for high adhesion qualities. The partition shall be so constructed that all concealed parts in the panel, base, cornice and door can be primed as above prior to assembly.

(B) **Enamel:** Best quality (semi-gloss rubbed effect) enamel of color as selected shall be applied to all exposed surfaces, sanded smooth between coats and baked to a hard finish.

(C) **Grain:** Surface shall be prepared as indicated in paragraph (A) above. Ground color for graining shall be applied, baked and sanded after which the graining coat is applied and baked. At least two (2) coats of the highest quality pyroxylin lacquer shall be applied.

## VII GLASS AND GLAZING

Glass shall be furnished by the partition manufacturer of design, quality and thickness as specified on drawings. Glass stops shall consist of cold rolled sections and shall have no exposed fastening or glazing screws. Glass shall be bedded and back putted in special steel sash putty colored to match the partition. Vinyl plastic glazing mould shall be used in lieu of putty when specified for partition. Metal glazing retainer shall be furnished for glazed railing.

## VIII ELECTRICAL PROVISIONS

Provision shall be made for concealed electrical wiring through base, cornice, posts and fillers at wall and ceiling. Double lay-in raceways shall be provided in the cornice and the base for the separating of high and low tension wiring. Cutouts shall be made in pilaster covers or base for electrical outlets or switches when specified.

## IX ERECTION

Partitions shall be erected straight and plumb in a rigid workmanshiplike manner. Hardware shall be adjusted and left in good working condition. Partitions shall be erected on finished floor with ceiling reinforcement at unsupported runs over 15-20 feet.

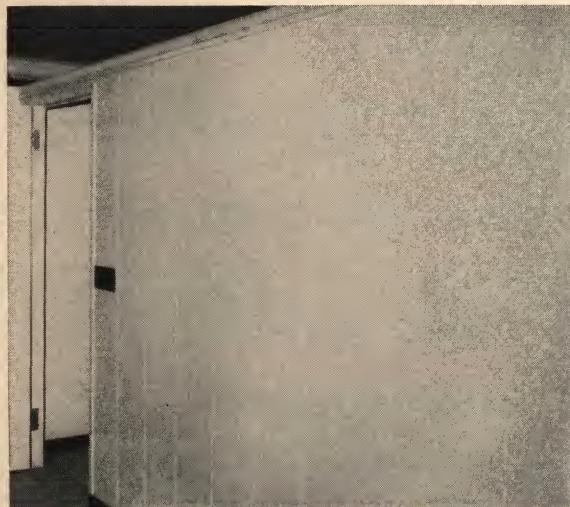
## X CLEANING

Remove all cartons, left over material, etc., and leave job broom clean. Touch up minor scratches and wipe down panels. Cleaning of glass and washing of partitions is to be performed by others.

## **type JL—new flush partition**



New York Telephone Co., Utica, N. Y. Ceiling high all steel partition with glass sash.



New York Telephone Co., Utica, N. Y. 7'-4" all steel partition open above.



9'-6" all steel partition ceiling high. 7'-4" all steel partition open above. 54" all steel low rail.

A completely new and uniquely different 2" thick flush partition consisting of 12" wide panels custom fabricated to your particular ceiling height. Here is another new product from the engineering ingenuity of Steel Partitions, Inc. Simplicity of design plus new manufacturing techniques have been combined to produce this economically priced partition. Fabricated from quality materials in a workmanlike manner, this new, easy-to-erect type "JL" partition will enhance the appearance of any office area. It will also find wide acceptance in a multitude of industrial applications.

The efficient design of type "JL" has effectively eliminated many costly component parts usually associated with movable partitions without sacrificing the many advantages and desirable features expected from this type of building product. Single line flush joints add to the attractiveness of the partition and provide ideal surfaces for field application of various decorator materials.

### **outstanding features**

1. Panels can be easily field cut horizontally or vertically.
2. Vertically adjustable door frame with vinyl cushioned stop on three sides.
3. Easily stored or warehoused—few component parts.
4. Triple wire raceways in base—double raceways in cornice and every 12" vertically between panels.
5. Full light glass panels as well as unobstructed horizontal glass sash. Can be field cut for alterations.
6. Cross runs (Tee Conditions) can be installed at any location. No restrictions that are common to post and panel construction.
7. Custom heights at standard prices—costly top fillers eliminated.
8. Fabricated from steel or aluminum with high quality baked enamel factory applied finish. Also available with various surface treatments such as vinyl plastic-coated material in a variety of colors and textures.
9. Quickly installed by Steel Partitions, Inc. erectors—or if preferred, local building maintenance personnel can install without difficulty.
10. All Steel Partition can be field cut and readily converted to Glass and Steel Partition by adding sash unit.
11. Completely re-usable.
12. Fast Delivery from stock.

### **low railing and bank partitions**

In addition to being versatile in meeting typical floor to ceiling movable partition requirements, type "JL" is particularly suitable for semi-private enclosures.

All Steel Low Railing is available in all standard heights up to 68". "JL" Bank Partitions with glass (Please refer to Page 13 for chair rail and glass heights available) combine an appearance of simplicity with dignity.

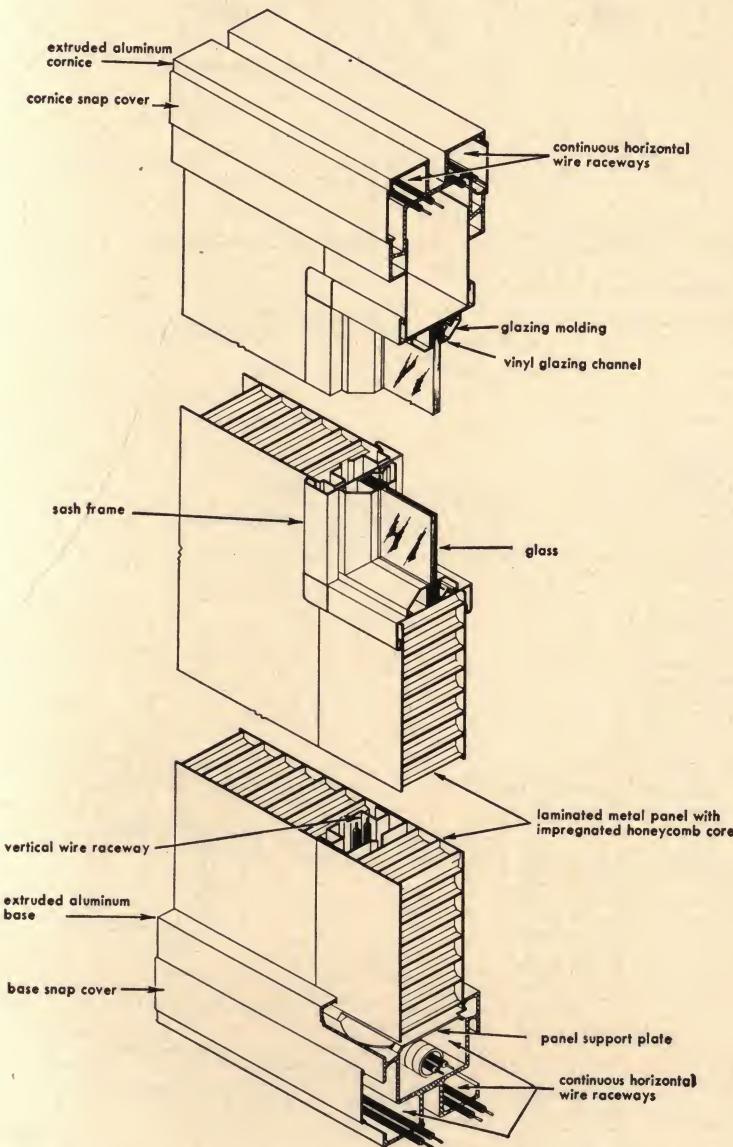
All Low Railing and Bank Partition panels have the same single line joint flush surface that enhances the modern appearance of the full height partition. Flush 1 1/4" thick gates with or without glass may be added where desired. Gates are equipped with pivoted checking hinges to swing one or both directions. Also on glazed gates appropriate push or pull hardware of matching finish is included.

Due to the unique design of "JL" partitions and use of concealed vertical reinforcing members, amazing strength and stability is gained. They are easily dismantled and re-installed.



**steel partitions**

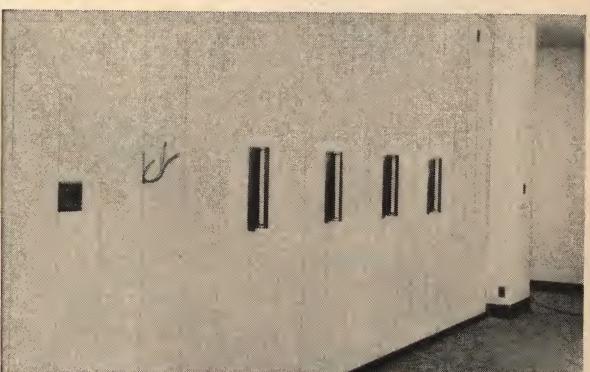
## features



Type "JL" 10 foot ceiling high panels being set in place.



Illustrates type "JL" ceiling high partition base, cornice, and wall channels ready for installation of panels and door units.



"JL" easily accessible for wiring—lay-in raceways both sides in cornice and base. Also vertical raceways ever 12 inches.

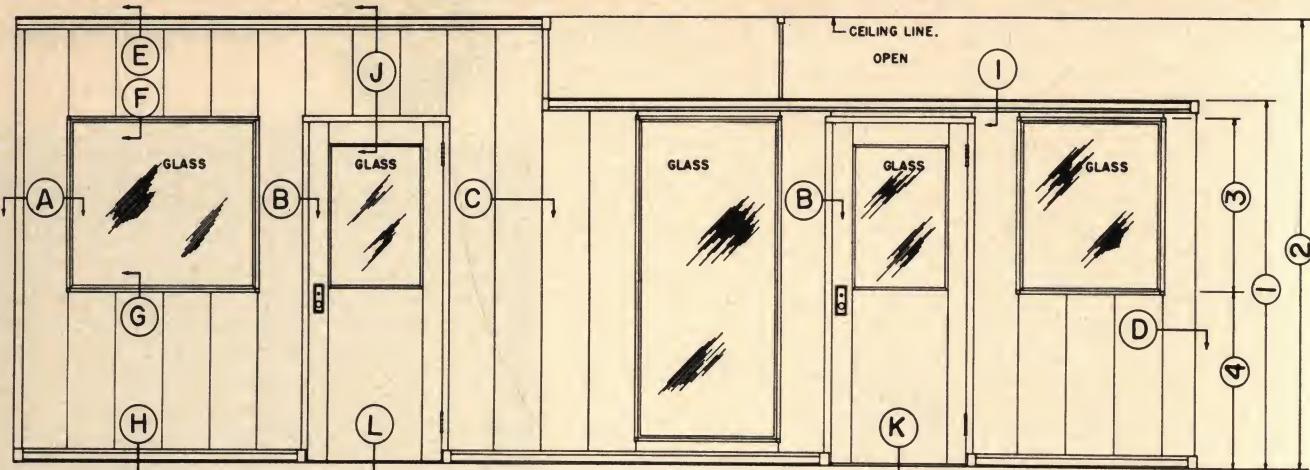
## rigidity

"JL" panels incorporate built-in rigidity through use of modern design and fabricating techniques. Steel sheets are laminated to a honeycomb core impregnated against moisture, vermin and mildew. The honeycomb core is bonded to the steel sheets with a high strength adhesive.

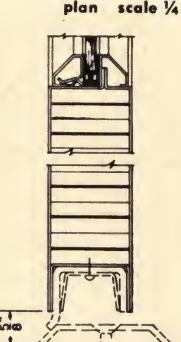
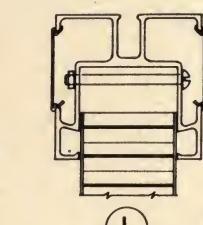
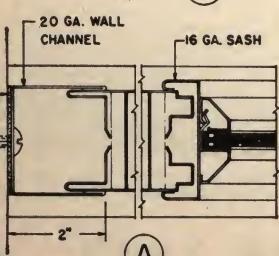
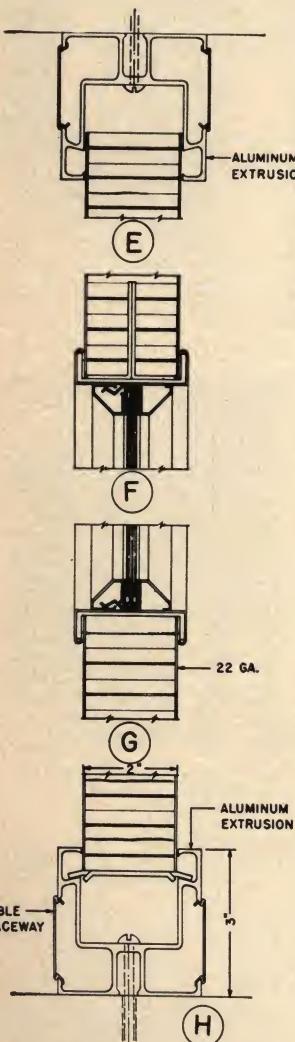
The result is a panel embodying exceptionally high impact resistance and vertical stability. "JL" partitions effectively support standard steel pan type ceilings.

**Steel Partitions INC. OF JAMESTOWN, NEW YORK**

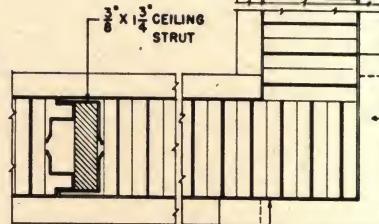
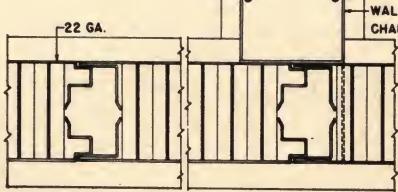
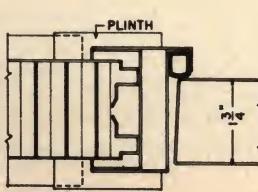
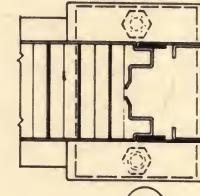
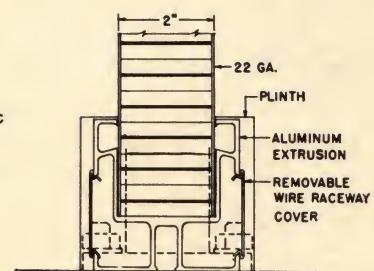
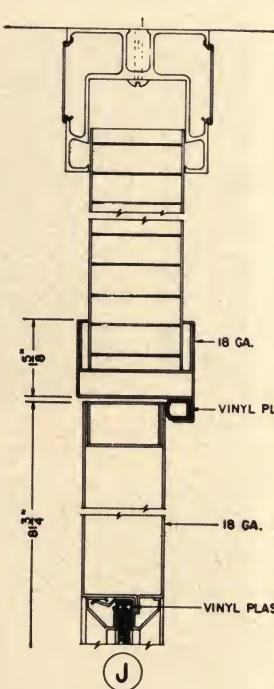
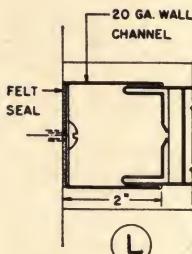
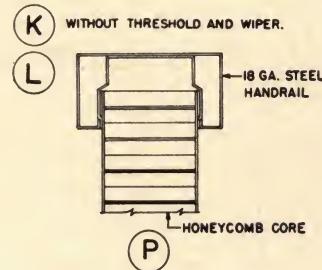
**type JL partition and railing details scale 3" = 1'-0"**



elevation scale  $\frac{1}{4}'' = 1'-0''$



1. Standard height 7'4" open above.
2. Ceiling high to meet job requirements.
3. Standard glass sash 40 $\frac{3}{8}$ " high. Full height sash or special size available.
4. Standard chair rail 42 $\frac{1}{4}$ ". Special height available.





steel partitions

## specifications

### I GENERAL

(1) Furnish and erect flush metal partitions as indicated on architect's plans and specifications. Partition to be Type "JL" as manufactured by Steel Partitions, Inc., Jamestown, New York.

(2) Partitions shall be movable partitions 2" thick Laminated Honeycomb construction in 12" increments, so designed to receive doors or sash units where shown on drawings.

### II SHOP DRAWINGS

Drawings showing details of construction, gauges of metal hardware, and all special conditions shall be submitted to the architect for approval before fabrication of material.

### III MATERIALS

Concealed structural members shall be of steel. All exposed sheet metal shall be cold rolled furniture steel that has been properly annealed, process leveled and has smooth, clean surfaces. Gauges specified are United States standard.

### IV CONSTRUCTION

(A) **Panel units:** Shall be 2" thick and constructed of two formed sheets of 22 gauge steel separated by impregnated honeycomb paper core, laminated with a high strength adhesive.

(B) **Base, Cornice, and Ceiling Channels:** Shall be 3" high with a projection of  $\frac{1}{2}$ " from the face of the panels, and so designed as to permit the use of a single member for all three purposes. This member shall also be designed to incorporate a continuous wire raceway (Lay-in Type) on each side of the partition enclosed with a snap-on cover permitting easy access to the wiring at any time. This member shall be an Aluminum Extrusion.

(C) **Glass Openings:** Shall be constructed of a 16 gauge metal channel shape assembled in the partition in such a manner as to securely hold the panels below and above the glass opening in proper alignment. The glass sash shall be of knocked-down construction, assembled in the corner by means of a telescoping corner angle, so designed as to permit the sash units to be reduced in width in the field in case future rearrangement of partitions necessitate smaller openings.

(D) **Doors and Frames:** Shall be  $1\frac{3}{4}$ " thick and of a size to provide  $\frac{3}{8}$ " clearance at side and head jambs. Cutouts and reinforcements shall be provided as required for hardware. Door frames shall be from 18 gauge steel constructed with  $\frac{1}{4}$ " projection on each side of the panels and of knocked-down design for removing or installing in existing runs of partition. Door frame shall be so designed as to incorporate a cushion door stop of a Rubber or Vinyl extrusion. Standard jamb opening sizes to be normal 2'-10" x 6'-11" or 3'-10" x 6'-11".

(E) **Wall Filler Sections:** Shall consist of a wall channel, and a telescoping panel member creating sufficient adjustment to meet reasonable construction variations.

### V HARDWARE

(A) **Provisions:** Suitable cutouts shall be provided in doors and frames for all mortice hardware. Metal reinforcements drilled and tapped and secured by spot welding shall be inserted for attaching all hardware and shall be of ample size to stiffen the sheet metal against the strain of the service required.

(B) **Hardware:** Hardware shall be manufacturer's standard; of design and construction normally furnished with movable metal partitions. Doors shall have one pair 5" x 4" ball-bearing button tip hinges. (Refer to catalog for additional hardware information.)

### VI FINISH

(A) **Prime:** All parts shall be thoroughly degreased and free from dirt and rust. All exposed surfaces shall be coated with a synthetic rust resisting primer especially formulated for adhesive qualities.

(B) **Enamel:** Surface shall be prepared as indicated in paragraph (A) above after which best quality (semi-gloss rubbed effect) synthetic enamel of the standard color selected shall be applied.

(C) **Grain:** Surface shall be prepared as indicated in paragraph (A) above. Ground color for graining shall be applied, baked, and sanded smooth after which the graining coat is applied and baked. At least two (2) coats of highest quality clear pyroxylin lacquer shall then be applied.

### VII GLASS AND GLAZING

Glass shall be furnished by the partition manufacturer of design, quality and thickness as specified on drawings. Glass stops shall consist of cold rolled sections and shall have no exposed fastening or glazing screws. Glass shall be set in Vinyl glazing channels of a color harmonizing with the partition color. Metal glazing retainers shall be furnished for glazed railing.

### VIII ELECTRICAL PROVISIONS

(A) Provision shall be made in the base and cornice channels for wire raceways with removable snap-on covers.

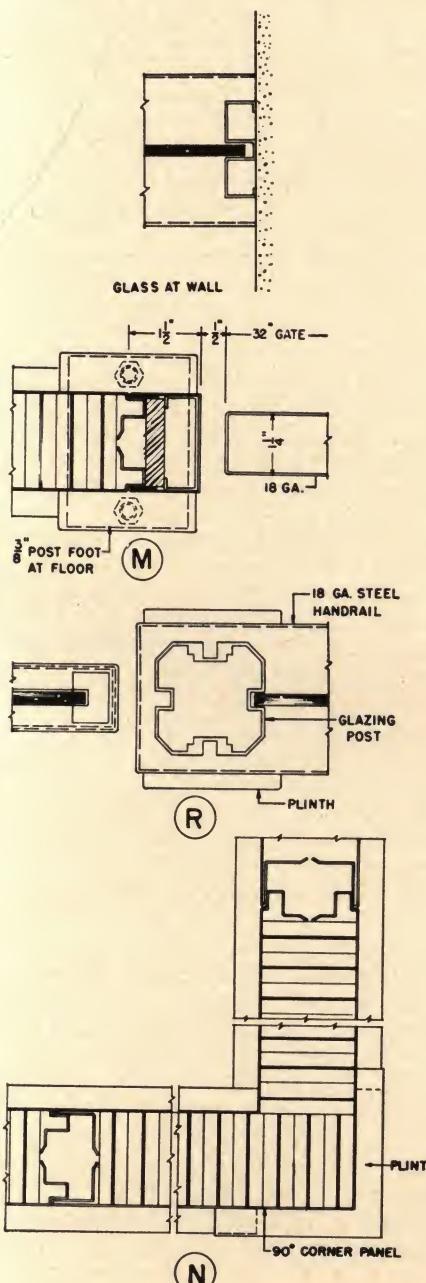
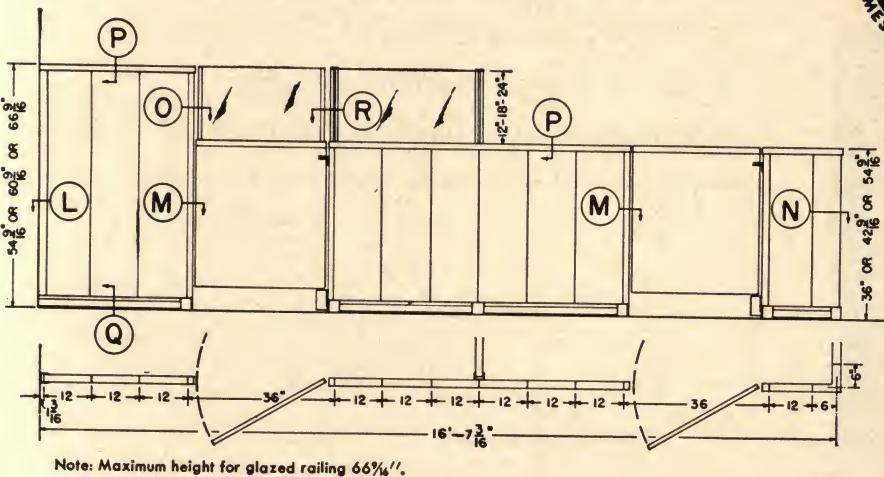
(B) Provision shall be made between each panel for a vertical wire raceway and cutouts made in panels for switches or outlets when required by direction of the architect.

### IX ERECTION

Partitions shall be erected straight and plumb in a rigid workmanshiplike manner. Hardware shall be adjusted and left in good working condition. Partitions shall be erected on finished floor with ceiling reinforcement at unsupported runs over 15-20 feet.

### X CLEANING

Remove all cartons, left over material, etc., and leave job broom clean. Touch up minor scratches and wipe down panels. Cleaning of glass and washing of partitions is to be performed by others.



## type E paneled wall



Lincoln National Bank and Trust Company, Syracuse, New York. Type E 9'-0" all steel and glass and steel partition, 54" chair rail, with double mineral board top filler.

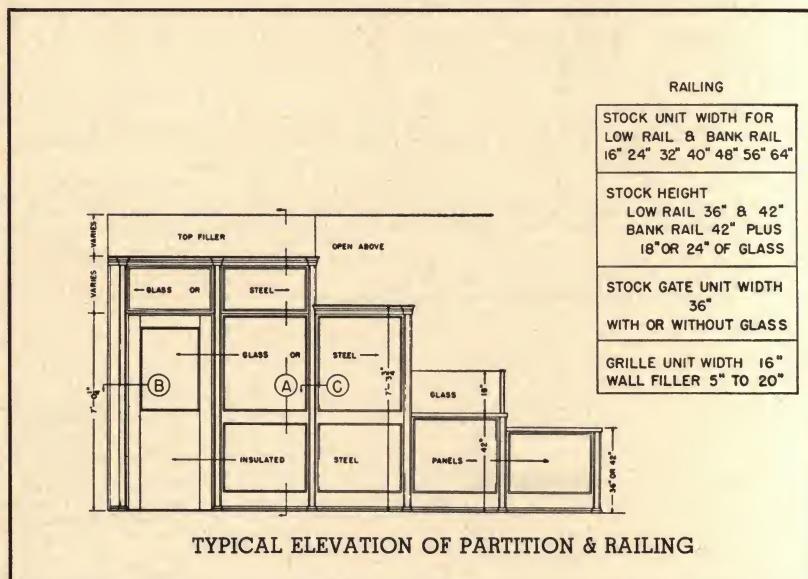


Panel type factory installation, 12'-0 1/4" high glass and steel with single steel pan ceiling. Ford Motor Co., Parts Depot, Natick, Mass.



Type E 10'-4" glass and steel partition with steel pan ceiling.

- 100% interchangeable units
- 100% reusable
- All welded construction
- quick, easy and economical to install



TYPE "E" is a basic paneled type sectional steel partition made up of Mono-Unit sections, each section a complete unit in itself. It has proved a most practical and economical method of partitioning offices, industrial and institutional building where maximum flexibility and complete interchangeability are desired. Since each panel is a complete integral unit, with its corresponding cornice and base units at the same width, TYPE "E" Mono-Unit partition can be quickly and easily assembled without cutting or fitting, and rearranged without waste. This assures 100% salvage. TYPE "E" panels and sash are available in a wide selection of standard stock sizes that facilitate a great variety of cornice heights. Door units are interchangeable with panel units of the same size. This provides maximum flexibility.

A neat cornice cap is furnished at each post connection. If the customer so desires, a continuous cornice is available in lieu of the unit cornice. Single or double steel top filler or double mineral board top filler can be added above the cornice to the suspended or slab ceiling to close off an area. TYPE "E" partition accommodates lay-in wiring in posts and cornice; at the base and chair rail fish-in wiring access is available.

TYPE "E" units are built to the highest metal fabricating standards, securely welded and reinforced to provide maximum structural stamina and enduring rigidity. Complete information on standard units available, construction details and specifications on Page 11. Type "E" Low and Bank Railing to match also available.

TYPE "E" partitions have enjoyed widespread popularity with leading architects, contractors and building owners as evidenced by the long list of installations, both large and small, throughout the country.



## steel partitions

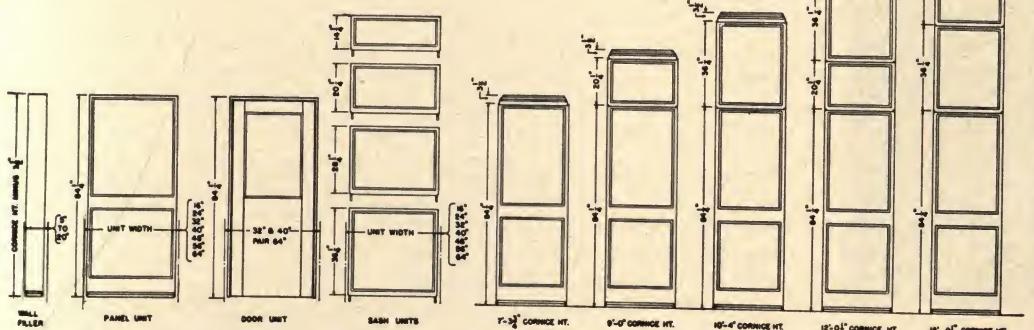
### standard railing

Attractive, efficient railing, either low or bank type, are complementary to Type E partitions. See below for standard panel and gate units.

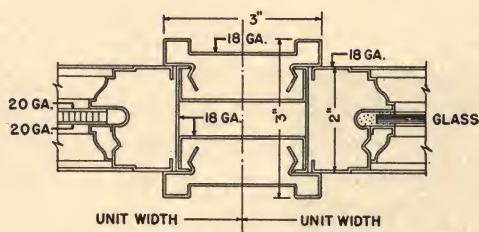
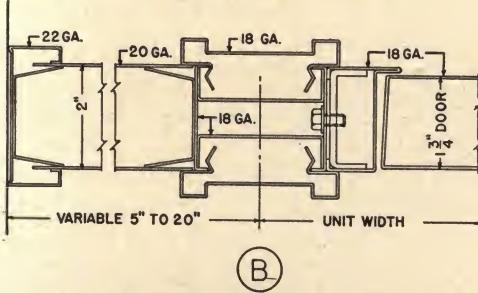
partition specialties page 8 also available for type E

#### PARTITION

CORNICE HEIGHT	7'-3 $\frac{3}{4}$ "	8'-6"	9'-0"	9'-8"	10'-4"
10'-8 $\frac{1}{4}$ "	11'-4 $\frac{1}{4}$ "	12'-0 $\frac{1}{4}$ "	12'-6 $\frac{1}{4}$ "	13'-4 $\frac{1}{4}$ "	13'-8 $\frac{1}{2}$ "
4	4	4	4	4	2
STOCK UNIT WIDTHS	16"	24"	32"	STOCK SINGLE DOOR UNIT	
FOR BOTH GLASS & STEEL	40"	48"	56"	WIDTHS 32" & 40" FOR	
& ALL-STEEL PANELS	64"			GLASS & STEEL & ALL-	
WALL FILLERS - MINIMUM	5"	TO		STEEL DOORS.	
MAXIMUM	20"			DOUBLE DOOR UNIT WIDTH	
				64" FOR GLASS & STEEL	
				& ALL-STEEL.	



details scale 3" = 1'-0"



### specifications

**GENERAL**—Furnish & install Type E, panel type partitions, as manufactured by Steel Partitions, Inc. Partitions shall be made up of units including the cornice, of standard width, so designed as to allow the utmost flexibility of arrangements and permit changes being made without disturbing units other than those to be rearranged. Partitions must permit wiring through Base, Chair Rail, Cornice, Pilasters, and Wall Fillers.

**MATERIALS**—Shall be cold rolled, commercial quality steel. Panel plates shall be patent leveled. Mouldings shall be cold drawn for true sharp bends and profiles.

**PANEL UNITS**—Shall be of integral welded construction. The insulated panels shall be two 20 U. S. gauge plates separated by sound-retarding insulation.

**FLUSH DOORS**—Shall be 18 U. S. gauge steel 1 $\frac{3}{4}$ " thick of welded construction, properly reinforced for all hardware. Door units shall be interchangeable with panel units of the same size.

**PILASTERS**—Pilasters shall be cold drawn of 18 U. S. gauge steel, substantially reinforced and so constructed as to permit two, three, or four-way partition connections. Each pilaster shall be securely anchored to the floor.

**CORNICE**—Shall be of 18 U. S. gauge steel, cold drawn in unit lengths to conform with widths of panel units, and attached at each end to top of pilaster by split key anchoring wedge. A 14 U. S. gauge stiffener channel shall be the means of reinforcing the splice in the cornice over each pilaster. Pilaster caps shall be fitted to cover cornice joints. Install a dust cover of 16 U. S. gauge securely fastened to the cornice.

**PARTITIONS TO CEILING**—Ceiling high partitions shall be of the design described above, and accomplished by the addition of standard height sash added to the basic panel unit. Transoms shall be provided where shown on

general drawings and shall be equipped with bottom counter balanced pivots.

**MOP MOULDING**—Adjustable steel mop moulding shall be attached to both sides of the bottom of all panels and pilasters with concealed fastening.

**WALL FILLERS**—Shall be of double thickness 20 U. S. gauge steel and of sufficient width to accommodate all conditions. The fit to the wall shall be snug and of neat appearance.

**FINISH**—The fabricated partitions shall be thoroughly degreased. All exposed surfaces shall be coated with a synthetic baking primer especially formulated for adhesive qualities. Final coat shall be high quality synthetic baking enamel. Sanded between coats and final coat, semi-gloss.

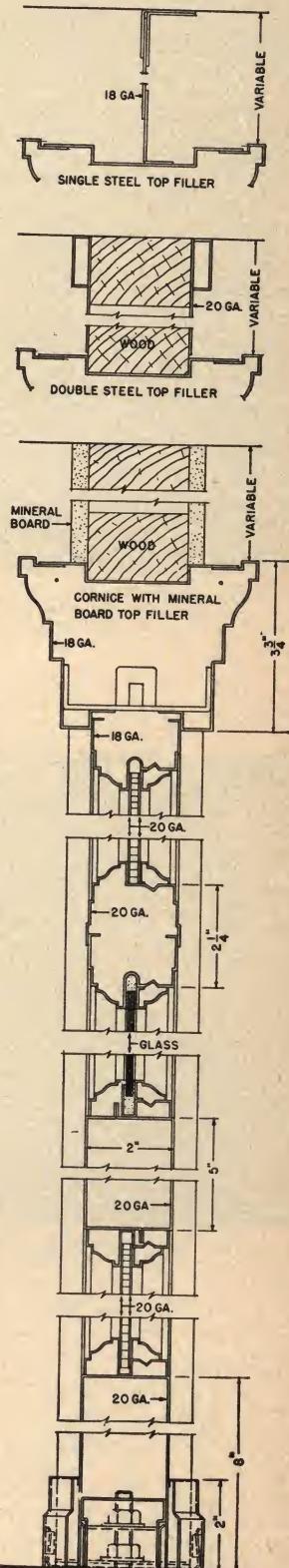
**WORKMANSHIP**—All materials shall be fabricated in the most approved manner, true to alignment and free from defects, neat in appearance and equal to the standard practice of Steel Partitions, Inc.

**GLASS AND GLAZING**—All glass shall be embedded in special steel sash putty, colored to match the partition and to fit into rabbets of the partition sash, and shall be held in place by removable metal stops, securely fastened by oval head screws.

**HARDWARE**—Hardware shall be manufacturer's standard design (ours by Russel & Erwin). Locks shall be as specified for individual doors. All locks shall be interchangeable, one with the other, and master-keyed where required.

Door checks shall be of liquid type with regular or hold-open arms. All doors shall be equipped with one pair of 5" x 4" ball bearing steel butts.

**ERCTION**—All work shall be erected in a first class workmanlike manner under the supervision of a direct representative of Steel Partitions, Inc.



(A)

# type SC smoke screens

## corridor and stairwell

Localize smoke hazards and facilitate orderly evacuation in schools, hospitals, institutions, hotels, stores, public buildings

Smoke-filled corridors and stair wells can be as great a menace to the safety of the occupants of public and institutional buildings as fire itself. Steel Partitions, a pioneer in this vital safety field, makes available a practical and efficient Smoke Screen that is especially adapted by design and construction to guard against this hazard. These Smoke Screen units are designed both for use in new construction and for modernization programs as well.

Smoke Screens are available in Type "JFN" full flush panel construction. Shown on this page are typical installations. Our competent and experienced engineering staff is always ready to work with architects, contractors and building owners to lay out an installation to meet their individual requirements.

No public or institutional building should be without the protection that these Smoke Screens afford. Industrial and commercial building owners are rapidly recognizing the importance of the added safety factor that they provide.

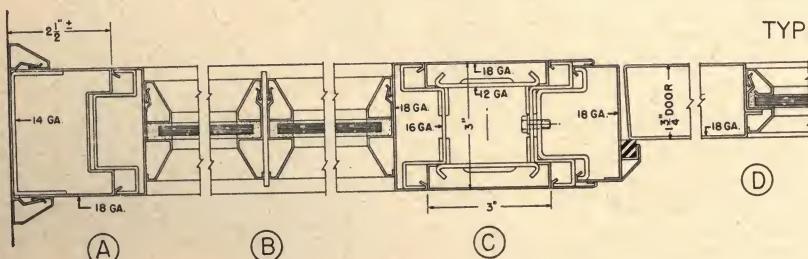
Smoke Screen construction details are shown below. Refer to Page 9 for General Specifications. Typical glass— $\frac{1}{4}$ " polished wire or MISCO. Typical hardware—push and pull plates, kick plates, standard butts with door closer or checking floor hinge.



Type "JFN" stairwell smoke screen 10'-0" high with fixed transom. Standard hardware and  $\frac{1}{4}$ " polished wire glass. St. John's Hospital, Cleveland, Ohio.

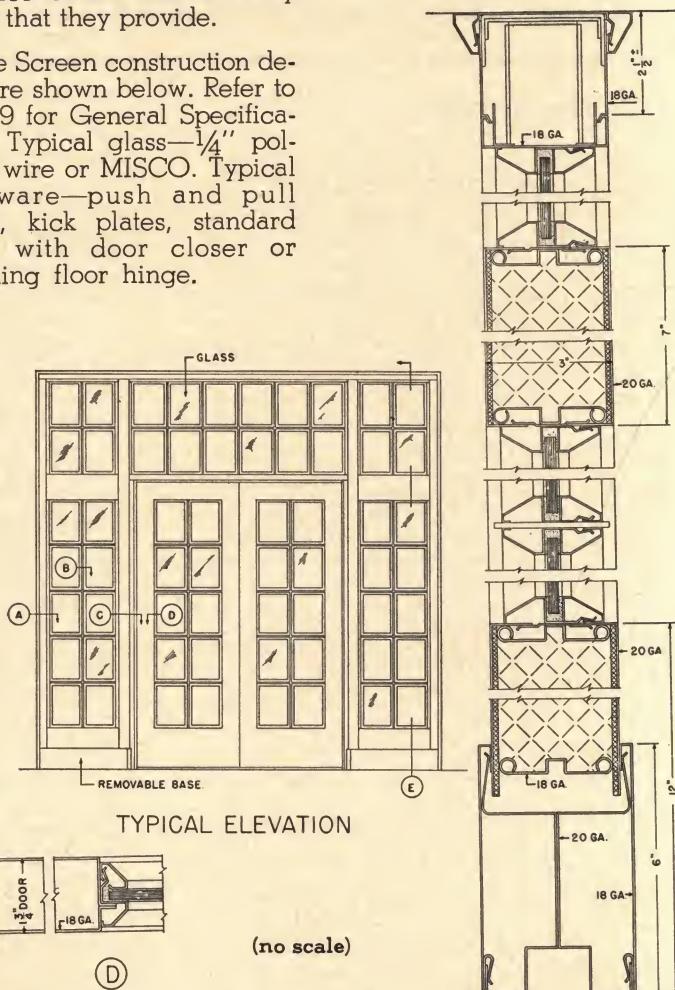


Flush corridor smoke screen 9'-0" high solid lower panel. Upper Darby High School, Upper Darby, Penna.



TYPICAL ELEVATION

(no scale)



# type JFF fire rated



**steel partitions**



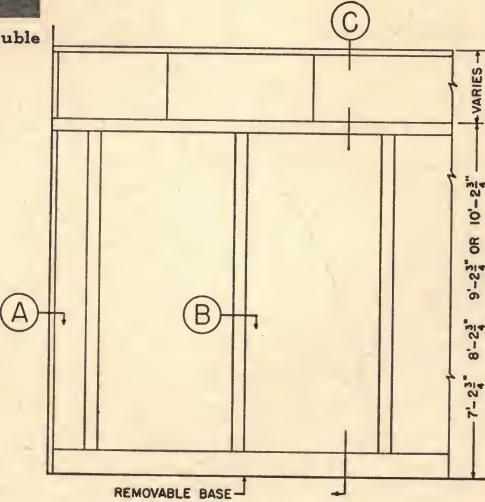
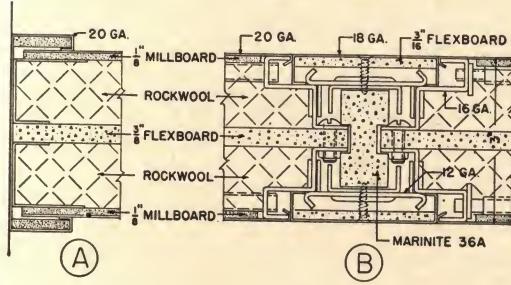
Flush type "JFF" fire rated partition 10'-2 $\frac{3}{4}$ " high with double steel top filler. New York Telephone Co., Syracuse, N. Y.



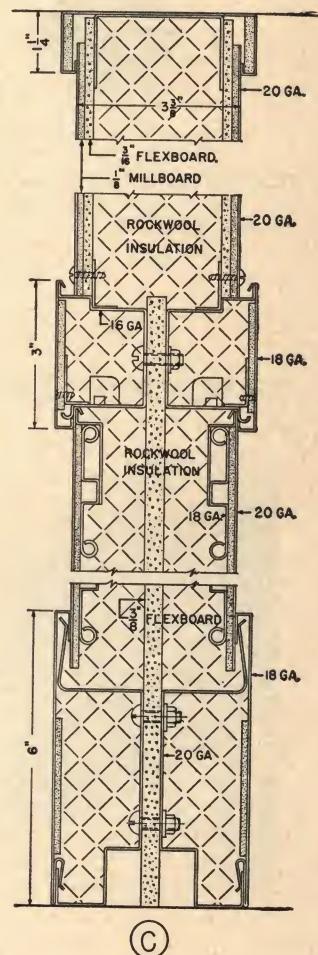
Type "JFF" fire rated partition 7'-2 $\frac{3}{4}$ " high with double steel top filler.

(no scale)

CORNICE HEIGHT 7'-2 $\frac{3}{4}$ " 8'-2 $\frac{3}{4}$ " 9'-2 $\frac{3}{4}$ " 10'-2 $\frac{3}{4}$ "
PANEL UNIT WIDTHS
ALL STEEL 6" 12" 18" 24" 30" 36"



TYPICAL ELEVATION

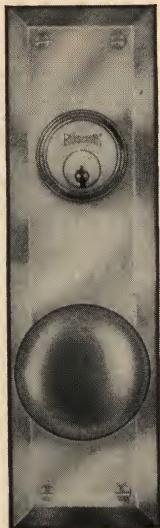


Fire rated steel partitions are available for use where an extra margin of safety is desired or required to meet building codes. Type JFF fire rated partitions comply with the American Society for Testing Materials, one hour fire test requirements, (standard specifications for fire test of building construction and materials E 119-55). The partition surpassed the minimum requirements for exposed side temperature of 1700° F, (927° C) as well as impact, erosion and cooling effect created by hose test.

Fire rated partitions 3 $\frac{3}{8}$ " thick are similar in construction and appearance to our standard JFN partition with the necessary reinforcements and insulation added to meet the one-hour rating requirements. Standard panel units are listed below. Switches and receptacles not recommended in post condition.

Type "JFF" fire rated partitions are especially adapted to changing requirements, specifically corridor installations, in municipal buildings such as schools, office buildings, hospitals, city halls, institutions, and court houses. In addition, they have great potential in meeting the requirements in separating equipment rooms from office areas in telephone buildings, laboratories, and experimental areas.

## standard hardware



**BERKELEY**  
Wrought Trim  
Escutcheon 7" x 2 1/4"  
Backsets 2 3/4" Lock Face 8" x 1 1/4"  
Knob Dia. 2 1/4"



**DOOR STOP** SP 209 1/2 low half dome cast bronze with 1 1/8" solid rubber bumper. Height 1 3/8".

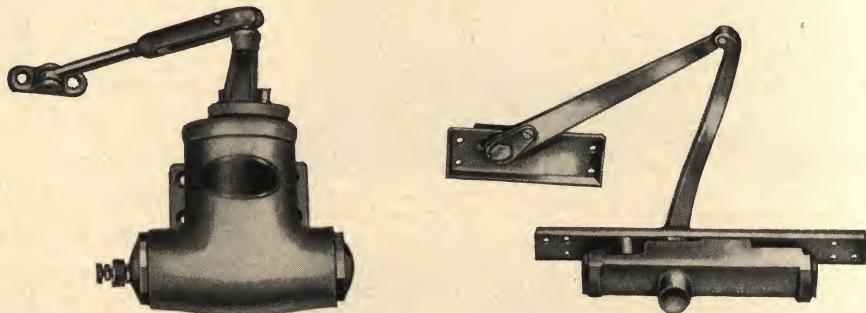
Steel Partitions' hardware was chosen for its high quality, modern design and flexibility. Using our Standard hardware prevents inevitable delays and added costs which result from use of non-standard hardware. We stock sizable quantities

of our hardware. Our standard finish is U. S. 10 (dull bronze), however other finishes are available when specified. Flush Doors are provided with one pair standard 5" x 4" butts. Button tip butts are standard.

### Russwin "10 STRIKE" locksets

Russwin "10 STRIKE" locksets have been adopted as standard on all TYPE "JFN," TYPE "JL" and TYPE "E" door units because of their uniform quality, positive trouble free operation and amazing flexibility. They are so constructed that the locking function can be changed easily, quickly and inexpensively. All the interior working components are interchangeable and a simple rearrangement, usually without adding any additional parts, changes the locking mechanism to perform an entirely different function. This flex-

ibility makes it possible to change the locks to meet new conditions when it is necessary to move or rearrange the partition. Like all Russwin locks, "10 STRIKE" locksets are precision made, with all interior working parts of heavy, rust resisting steel. Balanced knob action provides equal pressure on the knob in either direction, reducing all unnecessary strain on the working parts and assuring easy operation. The knobs and escutcheons are of wrought brass and are regularly supplied in the distinctive new "BERKELEY" design.



**SURFACE DOOR CLOSER** with cast iron case painted to match partitions or aluminum or gold bronze. In sizes B and C. Hold open arms are available when specified.

**CONCEALED DOOR CLOSER** type LCN 304 with cast iron case completely concealed in door. Exposed arm painted to match partition. Hold open arm available when specified.

## cylindrical type locksets



In addition to our standard mortice type hardware mentioned above, heavy duty cylindrical "key in knob" type hardware is available in both lock and latch functions. Trims other than shown are available when specified.

Although US-10 Dull Bronze Finish is standard, other common finishes will be furnished when specified. This hardware is extremely flexible to most master keying systems. Locks are reversible. Backset 2 3/4", Knob 2 3/16" dia., rose 2 5/8" dia.

### GATE HARDWARE

Rixson No. 356 cast bronze double and single acting hinge standard for glazed gates. A Chicago spring type double acting hinge standard for low gates. Secret gate catches available for either type. Gate pull plates or locks available when specified.

### OTHER HARDWARE

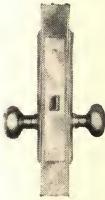
Kickplates, Flush Bolts, Door Holder, push and pull plates, thresholds, transom and wicket hardware as well as slide door hardware furnished when specified.



**steel partitions**

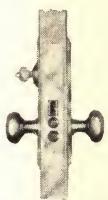
## installations

### functions



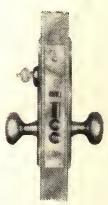
#### 10S-2025— LATCH SET

Latch bolt. Operates from either side by knobs. No dead bolt.



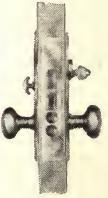
#### 10S-2038— CYLINDER LOCK SET

Latch bolt operated from either side by knob except when outside knob locked by button. Key operates latch from outside.



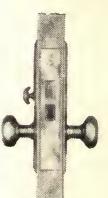
#### 10S-2056— PICKPROOF CYLINDER LOCK SET

Latch bolt by knobs. Outside knob locked by button and key. Auxiliary latch deadlocks latch bolt to prevent tampering.



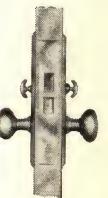
#### 10S-2048— CYLINDER LOCK SET

Latch bolt by knobs. Outside knob locked by button and key. Dead bolt by key outside and turn piece inside.



#### 10S-2039— SINGLE COMMUNICATING LOCK SET

Latch bolt operated by either knob. Dead bolt by turn piece inside only. Emergency key outside.



#### 10S-2040— DOUBLE COMMUNICATING LOCK SET

Latch bolt operated by either knob. Each turn piece operates individual dead bolt.

Acker & Keller, Inc., Kensington, Maryland (L)  
Administration Building, Dayton, Ohio  
A.E.C., Chemical Isolation & Purification Lab., Oak Ridge, Tennessee

A.E.C. Chemical Processing Plant, Arco, Idaho  
Akron-Beacon Journal, Akron, Ohio  
Alabama Dry Dock & Shipbuilding Co., Mobile, Alabama

Alcoa, Cleveland, Ohio  
Allis-Chalmers Manufacturing Company, Terre Haute, Indiana

American Brass Co., Cleveland, Ohio  
American Consulate Office Bldg., Toronto, Canada  
American Foundrymen's Society, Des Plaines, Illinois

American Sterilizer Co., Erie, Penna.  
Baltimore County Office Bldg., Baltimore, Md.  
Barrett Division, Allied Chemical & Dye Corp., Toledo, Ohio

Bell Aircraft Co., Wheatfield, N. Y.  
Bell Telephone Co., Greensburg, Penna.  
Bess Construction Company, Elizabeth, Pennsylvania (L)

Bethlehem Steel Corp., Lackawanna, N. Y.  
Blaw-Knox Manufacturing Plant, Mattoon, Ill.  
Board of Education (4 Schools), Lackawanna, New York (SC)

B & O Railway Co., Pittsburgh, Penna.  
Brian Supply Co., Providence, R. I.  
Buffalo Forge Co., Buffalo, N. Y.

Canadian Embassy, Washington, D. C.  
Cancer Research Lab., St. Louis, Mo.  
Carnegie Steel Co., Gary, Ind.

Carrier Corporation, Syracuse, N. Y.  
Carswell Air Force Base, Fort Worth, Tex.  
Cattaraugus County Home, Machias, N. Y. (SC)

Cheung County Airport Administration Building, Horseheads, New York  
Chemung County Welfare Bldg., Elmira, N. Y.

Chesapeake & Potomac Telephone Co., Baltimore, Md.

Chevrolet Motor Division, General Motors Corp., Kansas City, Missouri (L)

Children's Hospital, Buffalo, N. Y.

Chrysler Corporation, Kokomo, Ind.

Claghorn School, Philadelphia, Penna. (SC)

Commerce Building, Harrisburg, Penna.

Community Service Bldg., Dayton, Ohio

Connecticut State Hospital, Middletown, Conn.

Continental Aviation & Engineering Corp., Detroit, Mich.

Continental Foundry & Machine Co., Erie, Penna.

Cooper-Bessemer Corp., Mt. Vernon, Ohio

Crowley Milk Co., Inc., Binghamton, N. Y.

Crucible Steel Company, Syracuse, N. Y.

Dayton Daily News, Dayton, Ohio

Eastman Kodak Co., Rochester, N. Y.

Eaton Manufacturing Co., Marion, Ohio

Editors Building, Washington, D. C.

Elliott Company, Jeannette, Penna.

Ephrata Office Building, Ephrata, Wash.

Eriez Manufacturing Co., Erie, Penna.

Ex-Cell-O Corporation, Detroit, Mich.

Flint Municipal Center, Flint, Mich.

Florida Power Corp., Avon Park, Fla.

Ford Motor Company, Livonia, Mich.

Ford Motor Company, Memphis, Tenn.

Ford Motor Company, Natick, Mass.

Ford Motor Company, Richmond, Va.

Ford Motor Company, Teterboro, N. J.

Frankford Arsenal, Philadelphia, Pa.

Frederick Douglass Public School, Philadelphia, Penna. (SC)

Gary Municipal Building, Gary, Ind.

General Accounting Office Bldg., Washington, D. C.

General Electric Co., Erie, Penna.

General Motors Corp., Ternstedt Division, Detroit, Mich.

Geo-Physics Lab., Bedford, Mass.

Gulf Research & Development Co., Harmarville, Penna.

Hagan Chemicals & Controls, Inc., Allegheny City, Penna.

Hartford Research Center, Middletown, Conn.

Hays Manufacturing Co., Erie, Penna.

Home Beneficial Life Insurance Co., Richmond, Va.

Hydro-Electric Power Commission, Toronto, Can.

I.B.M., Mobile, Ala.

Illinois Bell Telephone Co., Chicago, Ill.

Inland Steel Co., Indiana Harbor, Ind.

Jamaica Health Center, Queens, N. Y.

Johns Hopkins Hospital, Baltimore, Md.

Kaiser Aluminum & Chemical Corp., Halethorpe, Md.

Kent-Moore, Inc., Centerline, Mich.

Kings County Hospital, New York, N. Y.

Kopper Co., Inc., Baltimore, Md.

Lackland Air Force Base Hospital, Cadet, Tex.

Lau Blower Co., Dayton, Ohio

Lewis Cass Building, Lansing Mich.

Liberty Mutual Insurance Company, Boston, Mass.

Libbey-Owens-Ford Glass Co., Toledo, Ohio

Lincoln Building, New York, N. Y.

Lincoln-Mercury Assembly Plant, Metuchen, N. J.

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McDonnell Aircraft Corp., Hazelwood, Mo.

McDowell Co., Cleveland, Ohio

Marlin-Rockwell Corp., Jamestown, N. Y.  
Maumee-Milan Consolidated High School, Woodburn, Ind.

Melpar, Inc., Fairfax County, Va.

Mercury Assembly Plant, Wayne, Mich.

Methodist Hospital, Philadelphia, Penna. (SC)

Metropolitan Utilities District, Omaha, Neb.

Michigan Bell Telephone Company, Wyandotte, Mich.

Missouri Pacific Lines, Palestine, Tex.

Monsanto Chemical Co., Miamisburg, Ohio

Morton Medical Research Bldg., Chicago, Ill.

Municipal Airport, Charlotte, N. C.

Muskegon County Courthouse & Jail, Muskegon, Michigan (L)

N.A.R.T.S. Hanger, Buckley Field, Colo.

National Aniline Division, Buffalo, N. Y.

National Cash Register Co., Dayton, Ohio

National Forge & Ordnance Co., Irvine, Penna.

National Housing Center, Washington, D. C.

National Institute of Health Building 13, Bethesda, Maryland (L)

National Old Line Life Insurance Company, Little Rock, Ark.

Naval Electronic Supply Office, Great Lakes, Ill.

Naval Land Plane Hanger, Guantanamo, Cuba

Niagara-Mohawk Power Corp., Buffalo, N. Y.

New England Tel. & Tel. Co., Worcester, Mass.

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New York State Thruway Authority, E. Syracuse, N. Y.

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New York Telephone Co., Menands, N. Y.

New York Telephone Co., Newburgh, N. Y.

New York Telephone Co., Poughkeepsie, N. Y.

New York Telephone Co., Utica, N. Y.

Ohio Brass Company, Barberton, Ohio

Ohio Oil Company, Findlay, Ohio

Onondaga County Office Bldg., Syracuse, N. Y.

Owens Corning Fibre Glass, Toledo, Ohio

Pennsylvania Railroad Co., Pittsburgh, Penna.

Piper Aircraft Corporation, Vero Beach, Florida (L)

Procter & Gamble Manufacturing Co., Chicago, Ill.

Prospect Point Observation Tower, Niagara Falls, New York (L)

Quaker Oats Company, Barrington, Ill.

Railway Express Agency, Inc., New York, N. Y.

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Rea Magnet Wire Co., Lafayette, Ind.

Republic Light, Heat & Power Co., Buffalo, N. Y.

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Rich's, Inc., Knoxville, Tenn.

San Juan Power Plant, San Juan, Puerto Rico

Schluderberg-Kurdle Co., Baltimore, Md.

Schuler Foods, Inc., Rochester, N. Y.

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Shell Oil Company, Denver, Colo.

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Sinclair Oil Building, Tulsa, Okla.

Singer Manufacturing Co., The, Bridgeport, Conn.

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Spring Perch Co., Buffalo, N. Y.

St. Elizabeth Hospital, Brighton, Mass. (SC)

St. Joseph's Hospital, Logansport, Indiana

St. John's Hospital, Cleveland, Ohio (SC)

Stackpole Carbon Co., St. Marys, Penna.

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State Farm Colony, Austin, Tex.

State Office Building, Escanaba, Mich.

Stevens T. Mason Bldg., Lansing, Mich.

Syracuse University, Syracuse, N. Y.

Thomas Holme Public School, Philadelphia, Penna. (SC)

Toledo Museum of Art, Toledo, Ohio

Trico Products Corp., Buffalo, N. Y.

Tulsa County Court House, Tulsa, Okla.

T.V.A., Chattanooga, Tenn.

Union Carbide & Carbon Corp., Detroit, Mich.

Universal-Cyclops Steel Corp., Titusville, Penna.

University of Florida, Teaching Hospital, Gainesville, Florida

University of North Carolina, Chapel Hill, N. C.

Upper Darby High School, Upper Darby, Penna. (SC)

Upper East Tennessee Mental Health Facilities, Greenville, Tennessee

U.S.A.E.C., Savannah River Plant, S.C.

U.S.A.F. Air Defense Lab., Lexington, Mass.

U.S. Air Force Base, Rapid City, S. Dak.

U.S. Geological Survey Bldg., Menlo Park, Calif.

U.S. Military Academy, West Point, N. Y.

U.S. Naval Air Station, Norfolk, Va.

U.S. Naval Out-Patient Clinic, Norfolk, Va.

U.S. Rubber Co., Fort Wayne, Ind.

U.S. Steel Corp., Braddock, Penna.

Veeder-Root, Inc., Altoona, Penna.

Virginia Electric & Power Co., Hampton, Va.

Washtenaw County Building, Ann Arbor, Mich.

West Penn Power Co., Greensburg, Penna.

Western Electric Company, Dallas, Tex.

White Sewing Machine Company, Cleveland, Ohio

Wichita Municipal Airport, Wichita, Kans.

Wooster Rubber Company, Wooster, Ohio

Worthington Corporation, Decatur, Ala.

Yellow Cab Company, Pittsburgh, Penna.



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Phone: FRanklin 5-4928

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### DELAWARE

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Robert F. Ingham Associates  
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Phone: OLympia 4-3129

### DISTRICT OF COLUMBIA

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Phone: CEntral 6-3085

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Phone: Anthony 7151

#### Hammond

Standard Equipment & Supply  
Corp.

5020 Hohman St.  
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#### Indianapolis 1

Barrison & Clarke, Inc.  
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2800 Sisson St.  
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Bronsteel Products Corp.  
1965 Sheridan Drive  
Phone: BEdford 7890

#### Elmira

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215-221 E. Church St.  
Phone: Regent 4-6163

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Phone: EDison 3-2486

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### Columbus

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Phone: AXminster 1-2400

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Co.

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Phone: BA 4-5658

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Phone: JA 5-6616

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Phone: CHerry 2-8204

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532 Maryland Drive  
Phone: CL-52648

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Mason-Norton Co.  
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Phone: Hbg. REgent 7-4558

### Philadelphia 2

James A. Clancy & Co.  
4 South 15th St.  
Phone: LOcust 7-2414

### Pittsburgh 22

F. T. Haigh  
1119 Empire Bldg. Room 1119  
Phone: ATLantic 1-1814

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J. Edgeworth Beattie  
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Phone: DR 2-4336

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Phone: Diamont 5-8119

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Wauwatosa 13 (Milwaukee)  
Wauwatosa Fuel & Supply Co.  
Phone: BLuemound 8-7700

### FOREIGN REPRESENTATIVE

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Terminal Building  
Phone: EMpire 4-9520

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*Steel Partitions*

INC. OF JAMESTOWN, N.Y.

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